3.   (Amended once) The method of Claim 1 further comprising:

returning to the applet result data produced by execution of the function[to

the applet].

4.   (Amended once) The method of Claim 3 wherein the step of returning

comprises:

forming a document which includes the data; and sending the document to

the applet.

6.   (Amended once) A computer readable medium useful in association with a
computer system which include[d] a processor and a memory, the computer readable
medium including computer instructions which are configured to cause the computer to
serve remote procedure calls from an applet, which executes within an[d] applet viewer
which in turn executes in the computer system that is serving said remote procedure calls,
by performing the steps of:

receiving from the applet which executes in the same computer system
that serves said procedure calls, a request for a document according to a document
retrieval protocol implemented on a computer network;

determining that the request specifies a function which is defined within a
computer process executing independently of the applet and applet viewer
and which includes one or more selected computer instructions, execution of
which performs a task which is unrelated to retrieval of any document specified in
the request; and

executing the function in the same computer system that is executing said
applet and applet viewer to thereby cause execution of the one or more selected
computer instructions in response to receipt of the request.

8.   (Amended once) The computer readable medium of Claim 6 where the
computer instructions are further configured to cause the computer to serve remote
procedure calls by further performing the step of:

returning to the applet result data produced by execution of the function[

to the applet].

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11.   (Amended once) A computer system comprising:

a processor;

a memory operatively coupled to the processor; and

a computer process which executes in the processor from the memory and which, when executed, serves remote procedure calls from an applet which executes within an applet viewer which in turn executes in the processor from the memory concurrently and independently from the computer process, wherein the computer process serves remote procedure calls by performing the steps of:

receiving from the applet which executes in the same computer system that serves remote procedure calls, a request for a document according to a document retrieval protocol implemented on a computer network;

determining that the request specifies a function which is defined within the computer process and which includes one or more computer instructions, execution of which performs a task which is unrelated to retrieval of any document specified in the request; and

executing the function in the same computer system that is executing said applet and applet viewer to thereby cause execution of the one or more computer instructions in response to receipt of the request.

13.   (Amended once) The computer system of Claim 11 where the computer process serves remote procedure calls by further performing the step of:

returning to the applet result data produced by execution of the function[to the applet].

15.   (Amended once) The computer system of Claim 11 wherein the document retrieval protocol is HTTP.

16.   (Amended once) A method for serving remote procedure calls to an applet which executes within an applet viewer which in turn executes in a computer system that is serving said remote procedure calls, the method comprising:

sending to a computer process executing in the same computer system that is executing said applet and applet viewer and executing independently of the

applet and applet viewer, a request for a document according to a document retrieval protocol implemented on a computer network wherein the request includes data communicating to the computer process that the applet can receive at least one processing request;

 receiving from the computer process as at least a portion of the document requested by the request, a processing request which specifies a function which in turn (i) is defined within the applet and (ii) includes one or more computer instructions; and

 executing the function in the same computer system that is executing said applet and applet viewer to thereby cause execution of the one or more computer instructions in response to receipt of the processing request.

17. (Amended once) A method for serving remote procedure calls to an applet which executes within an applet viewer which in turn executes in a computer system from a computer process executing in the same computer system that is executing said applet and applet viewer and executing independently of the applet and applet viewer, the method comprising:

 receiving from the applet which executes in the same computer system serves said remote procedure calls, a request for a document according to a document retrieval protocol implemented on a computer network wherein the request includes data communicating to the computer process that the applet can receive at least one processing request;

 sending to the applet as at least a portion of the document requested by the request, a processing request which specifies a function which in turn (i) is defined within the applet and (ii) includes one or more computer instructions; and

 executing the function in the same computer system that is executing said applet and applet viewer to thereby cause execution of the one or more computer instructions in response to receipt of the processing request.

18. (Amended once) A computer readable medium useful in association with a computer system which includes a processor and a memory, the computer readable medium including computer instructions which are configured to cause the computer to serve remote procedure calls to an applet which executes within an applet viewer which in turn executes in the computer system that is serving said remote procedure calls, performing the steps of:

sending to a computer process executing independently of the applet and applet viewer which executes in the same computer system that is executing said applet and applet viewer, a request for a document according to a document retrieval protocol implemented on a computer network wherein the request includes data communicating to the computer process that the applet can receive at least one processing request;

receiving from the computer process as at least a portion of the document a requested by the request, a processing request which specifies a function which in turn (i) is defined within the applet and (ii) includes one or more computer instructions; and

executing the function in the same computer system that is executing said applet and applet viewer to thereby cause execution of the one or more computer instructions in response to receipt of the processing request.

19.   (Amended once) A computer readable medium useful in association with a computer system which includes a processor and a memory, the computer readable medium including computer instructions which are configured to cause the computer to serve remote procedure calls to an applet which executes within an applet viewer which in turn executes in a computer system from a computer process executing independently of the applet and applet viewer, by performing the steps of:

receiving from the applet which executes in the same computer system that serves said remote procedure calls, a request for a document according to a document retrieval protocol implemented on a computer network wherein the request includes data communicating to the computer process that the applet can receive at least one processing request;

sending to the applet as at least a portion of the document requested by the request, a processing request which specifies a function which in turn (i) is defined within the applet and (ii) includes one or more computer instructions; and

executing the function in the same computer system that is executing said applet and applet viewer to thereby cause execution of the one or more computer instruction in response to receipt of the processing request.

20.   (Amended once) A computer system comprising:

a processor;

a memory operatively coupled to the processor; and

an applet (i) which executes in an applet viewer which in turn executes in the processor from the memory and (ii) which, when executed, serves remote procedures calls to the applet by performing the steps of:

sending to a computer process executing independently of the applet and applet viewer which executes in the same computer system that is executing said applet and applet viewer, a request for a document according to a document retrieval protocol implemented on a computer network wherein the request includes data communicating to the computer process that the applet can receive at least one processing request;
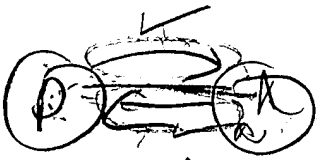
receiving from the computer process as at least a portion of the document requested by the request, a processing request which specifies a function which in turn (i) is defined within the applet and (ii) includes one or more computer instructions; and

executing the function in the same computer system that is executing said applet and applet viewer to thereby cause execution of the one or more computer instructions in response to receipt of the processing request.
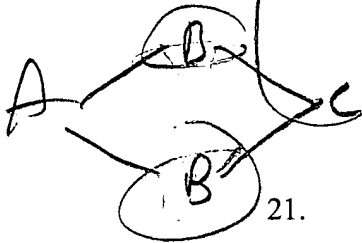
21.   (Amended once) A computer system comprising:

a processor;

a memory operatively coupled to the processor; and

a computer process which executes in the processor from the memory and which, when executed, serves remote procedure calls to an applet which executes within an[d] applet viewer, wherein the computer process serves remote procedure calls by performing the steps of:

receiving from the applet which executes in the same computer system that serves said remote procedure calls, a request for a document according to a document retrieval protocol implemented on a computer network wherein the request includes data communicating to the computer process that the applet can receive at least one processing request;

sending to the applet as at least a portion of the document requested by the request, a processing request which specifies a function